32P primer for 141 vent
Human spleen DNA

Pag N __ 32P 2633 (into the anchor primer)
follow P. 53 except use more 32P ATP

~26% primer now ATP is 100% efficient in labeling

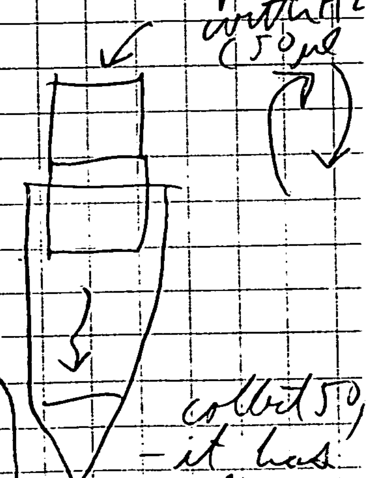
		(1)		(15.9 pm primer) (2)	
oligo 2633	15.9 μM	1 μl	✓ ✓	✓	dry down
32P γ ATP 6000 Ci/mmol 10 mCi/μl 10-21-94 (1.67 μM ATP)		25 μl	✓ ✓	✓ (41.8 pm ATP)	11C6 ladder
					1 μl H2O
					1 μl 32P γ ATP
5X Kinase buffer		6.75	✓ ✓	✓	15' 37°C
PNK 50u/μl		0.25 μl	✓		
		33.75			1 μl EDTA

37°C 30 min → 5' 55°C → add

~~spin col same as P154,7, and 145,3~~

dilute 32P2633 with 100 μl H2O (Vf = 133 now)
spin in microfuge in "micron 3"
(amicon #42403) - after all went in, put
add 200 μl more H2O and spin again
remove volume that did not enter filter

invert filter →



collect 50, it has oligo

10-24-94
Had a problem - filter kept peeling back on micron 3. Maybe g force was too high on Beckman microfuge "E" model
will skip separation of free ATP.
∴ 32P 2633 is diluted only 33.75 fold for
Cf = 4.71 μM

Witnessed & Understood by me, Deborah Bolaug(?) | Date 10/24/94 | Invented by [signature] | Date 10-19-94
Recorded by | 10/24/94

[redacted]